

CEEC/II/Rop  
NORWAY

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COMMITTEE OF EUROPEAN ECONOMIC CO-OPERATION

FUEL AND POWER COMMITTEE

Corresponding to the questionnaire of  
24th July 1947 we have herewith the information asked  
for about the requirements of Norway in petrol, oil  
and equipment for distribution and consumption.

Crude oils are not included, as our single refinery  
was destructed during the war and it is uncertain when  
production can begin again.

15th July 1947  
S. H. H.

25X1A

OECC/II/Petroleum/Rep/Addendum  
NORWAY

Petroleum estimates.

Materials for distribution and consumption.

Estimates of required dollar exchange 1948-51.

Automotive equipment	650,000	dollars
Petrol pumps	300,000	"
Storage tanks (no imports)	-	
Bredineters	140,000	"
Oilburners	2,500,000	"
Consumer tanks (no imports)	-	
Other equipment	350,000	"
Imports of iron and steel plates for production of petrol ships, storage tanks and consumer tanks	2,000,000	"
	5,900,000	dollars
	=====	

It must be noted that the figures given are rough estimates.

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*Available*

Petrolocum estimates - Norway

Materials for distribution and consumption

1948 - 1951 we should need each year

<u>Automotive equipment</u>	50 petrol cars (imports)
	15 inspectors cars and service cars (imp.) (Petrol railway wagons).
	1 petrol ship 1948, 1949 and 1950
<u>Petrol pumps:</u>	500 (imports)
<u>Storage tanks:</u>	15.000 m <sup>3</sup> (own production)
<u>Brodinmotors:</u>	650 (imports)
<u>Oilburners:</u>	2000 (imports)
<u>Consumers tanks:</u>	200 (own production)
<u>Other equipment:</u>	rubber houses, pipes, fittings, valves, big pumps for ocean depots, equipment for service stations and other equipment, evaluated to 1,75 million norw. crowns each year (imports)

C.E.E.C. / Petroleum.

**NORWAY** (Country)  
1938 (Year)

All in '000 metric tons.

## QUESTIONNAIRE RELATING TO PETROLEUM

	Aviation Spirit	Motor Spirit and Special Benzines	White Spirit	Burning (Illumina- ting) Kerosene	Tractor (Power) Kerosene	Gas/Diesel Oils		Fuel Oils		Lub. Oils	Bitumen	Paraffin Wax	Crude Oils		Petroleum Coke
						Inland	Bunkers	Inland	Bunkers				Light Medium	Heavy & Topped Crude	
Gross Requirements. (Civil and Services) " Parent " Country Overseas Territories.															
A. - Total Requirements.	5	180	1.2	26	3.6	67	220	27	23	20	20	1.5			
B. - Less Indigenous. Supplies including produc- tion from Indigenous Crude.															
C. - Balance.															
D. - Less Production from imported Crude.															
E. - Net imports.	5	180	1.2	26	3.6	67	220	27	23	20	20	1.5			
F. - Less " non dollar " supplies.															
(i) own sources.	2	130	0.7	12	1.6	55	180	17	15	7	10	0.7			
(ii) from participating coun- tries.															
(iii) from other " non dollar " sources.															
G. - Deficiency - Imports required from dollar sources.	3	50	0.5	14	2.0	12	40	10	8	13	10	0.8			
Surplus available for :															
(i) Participating Countries.															
(ii) Rest of World.															

1 & 2 : These quantities will correspond to the production shown under D.

: Any surplus of indigenous crude to be shown.

C.E.E.C. / Petroleum.

## QUESTIONNAIRE RELATING TO PETROLEUM

**NORWAY** (Country)  
1945 (Year)

All in '000 metric tons.

	Aviation Spirit	Motor Spirit and Special Benzines	White Spirit	Burning (Illumina- ting) Kerosene	Tractor (Power) Kerosene	Gas/Diesel Oils		Fuel Oils'		Lub. Oils	Bitumen	Paraffin Wax	Crude Oils		Petroleum Coke
						Inland	Bunkers	Inland	Bunkers				Light Medium	Heavy & Topped Crude	
Gross Requirements. (Civil and Services) " Parent " Country Overseas Territories.															
A. - Total Requirements. B. - Less Indigenous. Supplies including production from Indigenous Crude.	5	70	2	18	2	30	70	25	20	15	15	1			
C. - Balance. D. - Less Production from imported Crude.															
E. - Net imports. F. - Less " non dollar " supplies. (i) own sources. (ii) from participating countries. (iii) from other " non dollar " sources.	5	70	2	18	2	30	70	25	20	15	15	1			
G. - Deficiency - Imports required from dollar sources. Surplus available for : (i) Participating Countries. (ii) Rest of World.	2.5	35	1	9	1	15	35	13	10	7	7	0.5			
	2.5	35	1	9	1	15	35	12	10	8	8	0.5			

1 & 2 : These quantities will correspond to the production shown under D.

+ : Any surplus of Indigenous crude to be shown.

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NORWAY (Country)  
1946 (Year)

## QUESTIONNAIRE RELATING TO PETROLEUM

All in '000 metric tons.

	Aviation Spirit	Motor Spirit and Special Benzines	White Spirit	Burning (Illumina- ting) Kerosene	Tractor (Power) Kerosene	Gas/Diesel Oils		Fuel Oils		Lub. Oils	Bitumen	Paraffin Wax	Crude Oils		Petroleum Coke
						Inland	Bunkers	Inland	Bunkers				Light Medium	Heavy & Topped Crude	
Gross Requirements. (Civil and Services) " Parent " Country Overseas Territories.															
A. - Total Requirements.	7	180	9	22	3	46	150	63	40	21	22	1.1			
B. - Less Indigenous. Supplies including produc- tion from Indigenous Crude.															
C. - Balance.															
D. - Less Production from imported Crude.															
E. - Net imports.	7	180	9	22	3	46	150	63	40	21	22	1.1			
F. - Less " non dollar " supplies.															
(i) own sources.															
(ii) from participating coun- tries.															
(iii) from other " non dollar " sources.	3	90	4	11	1.5	23	75	32	20	10	11	0.5			
G. - Deficiency - Imports required from dollar sources.	4	90	5	11	1.5	23	75	31	20	11	11	0.6			
Surplus available for :															
(i) Participating Countries.															
(ii) Rest of World.															

1 & 2 : These quantities will correspond to the production shown under D.

\* : Any surplus of indigenous crude to be shown.

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**NORWAY** (Country)  
1947 (Year)

## QUESTIONNAIRE RELATING TO PETROLEUM

All in '000 metric tons.

	Aviation Spirit	Motor Spirit and Special Benzines	White Spirit	Burning (Illumina- ting) Kerosene	Tractor (Power) Kerosene	Gas/Diesel Oils		Fuel Oils		Lub. Oils	Bitumen	Paraffin Wax	Crude Oils		Petroleum Coke
						Inland	Bunkers	Inland	Bunkers				Light Medium	Heavy & Topped Crude	
Gross Requirements. (Civil and Services) " Parent " Country Overseas Territories.															
A. - Total Requirements. B. - Less Indigenous. Supplies including production from Indigenous Crude.	9	190	7	27	3	248	195	250	55	22	22	2			
C. - Balance. D. - Less Production from imported Crude.															
E. - Net imports. F. - Less " non dollar " supplies. (i) own sources. (ii) from participating countries. (iii) from other " non dollar " sources.	9	190	7	27	3	248	195	250	55	22	22	2			
G. - Deficiency - Imports required from dollar sources. Surplus available for : (i) Participating Countries. (ii) Rest of World.	4	95	3.5	13	1.5	124	98	125	28	11	11	1			
	5	95	3.5	14	1.5	124	97	125	27	11	11	1			

1 & 2 : These quantities will correspond to the production shown under D.

+ : Any surplus of Indigenous crude to be shown.

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**NORWAY** (Country)  
1948 (Year)

## QUESTIONNAIRE RELATING TO PETROLEUM

All in '000 metric tons.

	Aviation Spirit	Motor Spirit and Special Benzines	White Spirit	Burning (Illumina- ting) Kerosene	Tractor (Power) Kerosene	Gas/Diesel Oils		Fuel Oils		Lub. Oils	Bitumen	Paraffin Wax	Crude Oils		Petroleum Coke
						Inland	Bunkers	Inland	Bunkers				Light Medium	Heavy & Topped Crude	
Gross Requirements. (Civil and Services) " Parent " Country Overseas Territories.															
A. - Total Requirements. B. - Less Indigenous. Supplies including production from Indigenous Crude.	9	190	7	25	2	261	212	360	80	22	22	2			
C. - Balance. D. - Less Production from imported Crude.															
E. - Net imports. F. - Less " non dollar " supplies. (i) own sources. (ii) from participating countries. (iii) from other " non dollar " sources.	9	190	7	25	2	261	212	360	80	22	22	2			
G. - Deficiency - Imports required from dollar sources. Surplus available for : (i) Participating Countries. (ii) Rest of World.	4	95	3.5	12	1	131	106	180	40	11	11	1			
	5	95	3.5	13	1	130	106	180	40	11	11	1			

1 & 2 : These quantities will correspond to the production shown under D.  
- : Any surplus of indigenous crude to be shown.

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## QUESTIONNAIRE RELATING TO PETROLEUM

**NORWAY** (Country)  
1949 (Year)

All in '000 metric tons.

	Aviation Spirit	Motor Spirit and Special Benzines	White Spirit	Burning (Illumina- ting) Kerosene	Tractor (Power) Kerosene	Gas/Diesel Oils		Fuel Oils		Lub. Oils	Bitumen	Paraffin Wax	Crude Oils		Petroleum Coke	
						Inland	Bunkers	Inland	Bunkers				Light Medium	Heavy & Topped Crude		
Gross Requirements. (Civil and Services) " Parent " Country Overseas Territories.																
A. - Total Requirements.	10	200	7.3	25	2	276	227	440	90	23	22	2				
B. - Less Indigenous. Supplies including production from Indigenous Crude.																
C. - Balance.																
D. - Less Production from imported Crude.																
E. - Net imports.	10	200	7.3	25	2	276	227	440	90	23	22	2				
F. - Less " non dollar " supplies.																
(i) own sources.	5	100	3.6	12	1	138	114	220	45	11	11	1				
(ii) from participating countries.																
(iii) from other " non dollar " sources.																
G. - Deficiency - Imports required from dollar sources.	5	100	3.7	13	1	138	114	220	45	12	11	1				
Surplus available for :																
(i) Participating Countries.																
(ii) Rest of World.																

1 & 2 : These quantities will correspond to the production shown under D.  
+ : Any surplus of Indigenous crude to be shown.

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NORWAY (Country)  
1950 (Year)QUESTIONNAIRE RELATING TO PETROLEUM

All in '000 metric tons.

	Aviation Spirit	Motor Spirit and Special Benzines	White Spirit	Burning (Illumina- ting) Kerosene	Tractor (Power) Kerosene	Gas/Diesel Oils		Fuel Oils		Lub. Oils	Bitumen	Paraffin Wax	Crude Oils		Petroleum Coke
						Inland	Bunkers	Inland	Bunkers				Light Medium	Heavy & Topped Crude	
Gross Requirements. (Civil and Services) " Parent " Country Overseas Territories.															
A. - Total Requirements. B. - Less Indigenous. Supplies including production from Indigenous Crude.	II	200	7.3	24	2	292	245	500	110	24	22	2			
C. - Balance. D. - Less Production from imported Crude.															
E. - Net imports. F. - Less " non dollar " supplies. (i) own sources. (ii) from participating countries. (iii) from other " non dollar " sources.	II	200	7.3	24	2	292	245	500	110	24	22	2			
G. - Deficiency - Imports required from dollar sources. Surplus available for : (i) Participating Countries. (ii) Rest of World.	5	100	3.6	12	1	146	123	250	55	12	11	1			
	6	100	3.7	12	1	146	122	250	55	12	11	1			

1 & 2 : These quantities will correspond to the production shown under D.  
: Any surplus of Indigenous crude to be shown.

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NORWAY (Country)  
1951 (Year)

## QUESTIONNAIRE RELATING TO PETROLEUM

All in '000 metric tons.

	Aviation Spirit	Motor Spirit and Special Benzines	White Spirit	Burning (Illumina- ting) Kerosene	Tractor (Power) Kerosene	Gas/Diesel Oils		Fuel Oils		Lub. Oils	Bitumen	Crude Oils		Petroleum Coke
						Inland	Bunkers	Inland	Bunkers			Light Medium	Heavy & Topped Crude	
Gross Requirements. (Civil and Services) " Parent " Country Overseas Territories.														
A. - Total Requirements. B. - Less Indigenous Supplies including produc- tion from Indigenous Crude.	12	200	7.5	23	2	306	262	560	140	25	22	2		
C. - Balance. D. - Less Production from imported Crude.														
E. - Net imports. F. - Less " non dollar " supplies. (i) own sources. (ii) from participating coun- tries. (iii) from other " non dollar " sources.	12	200	7.5	23	2	306	262	560	140	25	22	2		
G. - Deficiency - Imports required from dollar sources. Surplus available for : (i) Participating Countries. (ii) Rest of World.	6	100	3.7	11	1	153	131	280	70	12	11	1		

1 & 2 : These quantities will correspond to the production shown under D.  
+ : Any surplus of Indigenous crude to be shown.

CEEC/II/Rep  
NORWAY

ANSWERS TO QUESTION AIRD CIEC/II ON COAL

Notes to the annexed tables

1. The production figures relate to the production at **Svalbard** (Spitz-berger). The figures for manpower include reconstruction workers.
2. The consumption of coal for the years 1948-1951 is calculated on the following assumptions:
  - a) the increasing demand for fuel in industry will to a certain extent be covered by an increased use of electric power and fuel oil. The figures for coal consumption will consequently show only a slight increase for these years.
  - b) domestic consumption is assumed to be 800.000 tons of coal in 1951. The prewar figure was 900.000 tons. The increasing demand due to the increasing population is assumed to be covered by electric power and fuel oil.

Oslo, 1. August 1947.

CEEC/II/Rep  
NORWAYCOMMITTEE FOR FUEL AND POWER

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QUESTIONNAIRE ON COAL PRODUCTION, CONSUMPTION, IMPORTS AND EXPORTS

A. PRODUCTION (Metric tons)	1929	1935-38 average	1938	1945	1946	1947 estimates
(1) Net pithead production	267	321	329	15	98	245
(2) of which: (a) Hard coal	207	261	269	3	58	200
(3) Net disposable solid fuels (ton for ton)	267	321	329	15	98	245
(4) of which: (c) Coke (1)	60	60	60	12	40	45
Non power	639	504	528	250	680	1.000 x)
(5) Net pithead Production Target for 1948 (2)	300	1949 350	1950 400	1951 450		
Nonpower	900	1.000	1.100	1.200		
(6) of which: (a) Hard coal	1948 300	1949 350	1950 400	1951 450		

All figures in Thousand Metric Tons

Coke production at gasworks ca. 50.000 Tons/year 1948 - 1951

x) Reconstruction of mines.

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## B. INTERNAL CONSUMPTION AND REQUIREMENTS (TON FOR TON)

	1929	1935-38 average	1938	1945	1946	1947 estimates
(1) total consumption	2,975	3,100	3,100	1,107	2,025	2,300
(2) forecast of total consumption requirements (3) (4a 1948 2,500      1949 2,700      1950 2,900      1951 3,100						

Metric Tons

	1948	1949	1950	1951	
Gas works	100	105	110	115	
Railways	330	330	330	330	
Iron, Metal	230	230	230	230	
Other Industrial	1,000	1,025	1,070	1,115	All figures in Thousands
Bunkers	140	150	150	150	Metric tons
Internal Navigation	300	310	310	310	
Domestic	400	550	700	850	
Total	2,500	2,700	2,900	3,100	

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<u>C. IMPORTS (T.N.F.R.TON)</u>	1929	1935-38 average	1938	1945	1946	1947 estimates
(I) Total imports (all solid fuels) <sup>x)</sup>	2,768	2,781	2,659	1,368	1,824	2,055
(2) of which imported from:						
(a) Germany	85	253	106	287	693	400
(b) UK	1,533	1,887	1,834	280	103	10
(c) Poland	68	154	154	7	319	700
(d) and others	66	157	175	(USA) 457	(USA) 679	945
(3) Character of imports:						
(a) Hard coal and patent fuel (BKB)	2,228	2,070	2,000	957	1,476	1,735
(b) Coke	546	711	659	III	348	320
(4) Import Requirements (all solid fuels)						
(a) 1948: 2,150	1949: 2,300	1950: 2,450	1951: 2,600			

All figures in thousand Metric Tons.

x) Excluding imports from Svalbard (Spitzbergen). (See table I).

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COMMITTEE FOR FUEL AND POWER

D. EXPORTS (TCN FOR TON) (INCLUDING FOREIGN BUNKERS)

	1929	1935-38 average	1938	1945	1946	1947 estimates
(I) Total Exports (All solid fuels)	C	2	C	C	C	C
(2) of which exported to:						
(a)						
(b)						
(c)						
(d) and others		(figures not available)				
(3) Character of Exports:						
(a) Hard Coal and patent fuel (BKB)						
(b) Coke	C	2 <sup>x</sup> )	C	C	C	C
(4) Export Targets (All solid fuels)						

I948: C Metric Tons; I949: C Metric Tons; I950: C Metric Tons; I951: C Metric Tons.

x) Coke-breeze.

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MIXED SUB-COMMITTEE ON COKE:- QUESTIONNAIRE.

A. PRODUCTION (metric tons).

1929	Actual				Esti- mate	Forecast				
	1935-38 average	1938	1945	1946		1947	1948	1949	1950	1951
Total production of coke (gasworks)	60	60	60	12	40	45	50	50	50	50
of which coke-oven coke including coke breeze	C	C	C	C	C	C	C	C	C	C

B. MEANS OF PRODUCTION.

I. Raw Material:

Total:.....

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B. MEANS OF PRODUCTION (Continued).

Actual					Esti- nated.	Forecast.				
1929	1935-38 average	1938	1945	1946		1947	1948	1949	1950	1951

II. Equipment:-

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NORWAYc. CONSUMPTION OF COKE OVEN COKE.

All figures in Thousand Metric Tons.

	Actual		Estimated		Forecast					
	1929	1935-38	1938	1945	1946	1947	1948	1949	1950	1951
<u>Consumption of coke-oven Coke (including coke breeze) :-</u>										
(1) at coke-ovens	-	-	-	-	-	-	-	-	-	-
(2) by iron and steel industry:-	-	-	-	-	-	-	-	-	-	-
(a) at Blast furnaces	-	-	-	-	-	-	-	-	-	-
(b) at Steel foundries	-	-	-	-	-	-	-	-	-	-
(c) miscellaneous iron and steel (not including iron foundries)	66	142	170	55	125	160	170	170	170	180
Total (a) + (b) + (c)x)	66	142	170	55	125	160	170	170	170	180
(d) Iron foundries	20	25	26	15	25	28	30	30	30	30
Total (a) + (b) + (c) + (d)	86	167	196	70	150	188	200	200	200	210
(3) Chemical industry*	10	13	13	10	12	13	14	14	15	15
(4) Other industries	60	69	70	31	90	80	86	86	90	95
(5) Domestic (coke-oven coke only for e.g. central heating)	394	460	380	-	27	39	226	370	515	550
Total (I) - (5)	540	709	659	III	279	320	520	670	820	870

x) This total consumption is that asked for in the Iron and Steel Questionnaire.

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## D. IMPORTS OF COKE AND COKE

+ o)

All figures in Thousand Metric Tons.

	Actual		Estimated			Forecast				
	1929	1935-38 average	1938	1945	1946	1947	1948	1949	1950	1951
Total Imports +	540	711	659	III	348	320	520	670	820	870
of which from										
Germany	41	57	50	79	222	96				
United Kingdom	437	445	417	32	68	10				
Poland	-	23	27	-	38	100				
Holland	23	117	112	-	-	-				
Belgium	-	49	40	-	-	-				
Others	39	20	13	-	-	116				
						(USA)				

+ ) These imports will cover the difference between Consumption (Table C) and Production (Table A) with appropriate allowance for Exports (Table E).

o ) Includes imports of coke from gasworks (London). Detailed figures not available.

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VORMAY

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E. SURPLSES FOR EXPORT. COKE AND COKING COAL.

	Actual					Esti- mated average	Forecast surplus available			
	1929	1935-38	1938	1945	1946		1947	1948	1949	1950
(1) Exports of coke-oven coke	-	2 (breeze)	-	-	-	-	-	-	-	-
(2) Exports of coking coal	-	-	-	-	-	-	-	-	-	-